



LEGEND

<10 Shale: Areas where wells are likely to produce less than 10 imperial gallons per minute.

1-20 Crystalline rocks: Areas where wells are likely to produce 1 to 20 imperial gallons per minute.

1-45 Soluble rocks, mostly limestone: Areas where wells are likely to produce 1 to 45 imperial gallons per minute.

10-90 Sandstone: Areas where wells are likely to produce 10 to 90 imperial gallons per minute.

45-450 Soluble rocks, mostly dolomite: Areas where wells are likely to produce 45 to 450 imperial gallons per minute.

Note: An area was placed in a certain range if the majority of the wells in that area were within that range. The ranges of probable yields represent quantities of water that can be expected from individual wells. They are based on short-term pumping tests and may not necessarily represent long-term yields. A well drilled within an area of a particular range may not necessarily produce at a rate within that range.

SOURCES OF INFORMATION

Bedrock well yields by R. C. Ostry, R. J. Clissold, Ontario Water Resources Commission and I. Karmowitz, United States Geological Survey, 1968/69.

Well information from:

Water Well Records on file with the Ontario Water Resources Commission.

Published and unpublished data on file with various U.S. federal, state and local agencies.

References:

Map 2117, Paleozoic Geology of Southern Ontario, by D. F. Hewitt, Ontario Department of Mines, 1966.

Cartography by the Ontario Water Resources Commission, 1969/70.

Base map prepared by the U.S. Lake Survey, 1968.

Imperial Gallons Per Minute	Litres Per Second	U.S. Gallons Per Minute
Less than 10	Less than 0.7	Less than 10
1 — 20	0.1 — 2.6	1 — 25
1 — 45	0.1 — 3.4	1 — 55
10 — 90	0.7 — 6.9	10 — 110
45 — 450	3.4 — 34.4	55 — 550



ONTARIO WATER RESOURCES COMMISSION
DIVISION OF WATER RESOURCES

INTERNATIONAL FIELD YEAR ON THE GREAT LAKES

LAKE ONTARIO DRAINAGE BASIN

ONTARIO — NEW YORK

MAP 5926-1
BEDROCK WELL YIELDS

Scale 1:500,000
1 inch equals approximately 7.9 miles

0 10 20 30 40 Miles

0 10 20 30 40 Kilometres